



## What is claimed is:

1. A furan derivative represented by the following Formula 1 or its pharmaceutically acceptable salt:

Formula 1

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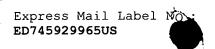
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wherein, X represents H, OH, OR or  $NR^1R^2$  and Y represents OR,  $NR^1R^2$  or  $SC(=NH_2)NH$ ; and

wherein, R represents hydrogen, naphthalene, aryl group having three or less substitution groups selected from among methyl, methoxy, chloro, bromo, iodo, nitro and fluorine, or a  $C_1$ - $C_4$  aliphatic alkyl group having four or less substituted fluorine; and

 $R^1$  and  $R^2$  are the same or different from each other and each represents hydrogen, naphthalene, aryl group having three or less substitution groups selected from among methyl, methoxy, chloro, bromo, iodo, nitro and fluorine, or a  $C_1$ - $C_3$  aliphatic alkyl group, or  $R^1$  and  $R^2$  are linked with carbon, oxygen, hydrogen, or nitrogen having an  $C_1$ - $C_3$  aliphatic alkyl group and together represent an aliphatic alkyl group.

2. The furan derivative or its pharmaceutically acceptable salt according to claim 1, wherein the X and Y are selected from the group consisting of pairs of X and Y listed





in the following Tables 1 to 7.

TABLE 1

No.	Х	Y
1	Н	HO-
2	Н	CH <sub>3</sub> COO-
3	Н	C <sub>6</sub> F <sub>5</sub> O-
4	Н	CH <sub>3</sub> O-
5	Н	3,4-Cl <sub>2</sub> C <sub>6</sub> H <sub>3</sub> O-
6	Н	4-NO <sub>2</sub> C <sub>6</sub> H <sub>4</sub> O-
7	Н	2,4,6-Cl <sub>3</sub> C <sub>6</sub> H <sub>2</sub> O-
8	Н	4-BrC <sub>6</sub> H <sub>4</sub> O-
9	Н	3-CH <sub>3</sub> -4ClC <sub>6</sub> H <sub>3</sub> O-
10	Н	C <sub>6</sub> Cl <sub>5</sub> O-
11	Н	4-CNC <sub>6</sub> H <sub>4</sub> O-
12	Н	3-CF <sub>3</sub> C <sub>6</sub> H <sub>4</sub> O-
13	Н	4-CH <sub>3</sub> OC <sub>6</sub> H <sub>4</sub> O-
14	Н	2,4-F <sub>2</sub> C <sub>6</sub> H <sub>3</sub> O-
15	Н	3-BrC <sub>6</sub> H <sub>4</sub> O-
16	Н	2-NO <sub>2</sub> C <sub>6</sub> H <sub>4</sub> O-
17	Н	2-BrC <sub>6</sub> H <sub>4</sub> O-
18	Н	3-C1-4-FC <sub>6</sub> H <sub>3</sub> O-
19	Н	2-Cl-4-BrC <sub>6</sub> H <sub>3</sub> O-
20	Н	2-CH <sub>3</sub> OC <sub>6</sub> H <sub>4</sub> O-
21	Н	3-CH <sub>3</sub> -4-NO <sub>2</sub> C <sub>6</sub> H <sub>3</sub> O-
22	Н	2-C1-4-FC <sub>6</sub> H <sub>3</sub> O-
23	Н	2,3-Cl <sub>2</sub> C <sub>6</sub> H <sub>3</sub> O-
24	Н	2-NO <sub>2</sub> -4-C1C <sub>6</sub> H <sub>3</sub> O-
25	Н	4-C1C <sub>6</sub> H <sub>4</sub> O-
26	Н	2,4-Cl <sub>2</sub> C <sub>6</sub> H <sub>3</sub> O-
27	Н	2-(CH <sub>3</sub> ) <sub>2</sub> CH-4-C1-5-CH <sub>3</sub> C <sub>6</sub> H <sub>2</sub> O-
28	Н	2,4,6-Br <sub>3</sub> C <sub>6</sub> H <sub>2</sub> O-
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29	Н	2-CH <sub>3</sub> C <sub>6</sub> H <sub>4</sub> O-
30	Н	2,6-(CH <sub>3</sub> ) <sub>2</sub> C <sub>6</sub> H <sub>3</sub> O-

TABLE 2

No.	Х	Y
31	Н	C <sub>6</sub> H <sub>5</sub> COO-
32	Н	C <sub>6</sub> H <sub>5</sub> CH <sub>2</sub> COO-
33	Н	2,6-F <sub>2</sub> C <sub>6</sub> H <sub>3</sub> CH <sub>2</sub> COO-
34	Н	2-C1-6-FC <sub>6</sub> H <sub>3</sub> CH <sub>2</sub> COO-
35	Н	3-C1-C <sub>6</sub> H <sub>4</sub> CH <sub>2</sub> COO-
36	Н	3-SC <sub>4</sub> H <sub>3</sub> CH <sub>2</sub> COO-
37	Н	3-F-C <sub>6</sub> H <sub>4</sub> CH <sub>2</sub> COO-
38	Н	2-NpCH <sub>2</sub> COO-
39	Н	2,4-F <sub>2</sub> C <sub>6</sub> H <sub>3</sub> CH <sub>2</sub> COO-
40	Н	(C <sub>6</sub> H <sub>5</sub> ) <sub>3</sub> CCOO-
41	Н	2-CH <sub>3</sub> O-6-FC <sub>6</sub> H <sub>3</sub> CH <sub>2</sub> COO-
42	Н	3-CH <sub>3</sub> O-6-FC <sub>6</sub> H <sub>3</sub> CH <sub>2</sub> COO-
43	Н	2-BrC <sub>14</sub> H <sub>28</sub> COO-
44	Н	C <sub>14</sub> H <sub>29</sub> COO-
45	Н	4-FC <sub>6</sub> H <sub>4</sub> NHCOO-
46	Н	C <sub>6</sub> H <sub>5</sub> NHCOO-
47	Н	(CH <sub>3</sub> ) <sub>2</sub> CHNHCOO-
48	Н	3-CF <sub>3</sub> C <sub>6</sub> H <sub>4</sub> NHCOO-
49	Н	3-C1C <sub>6</sub> H <sub>4</sub> NHCOO-
50	Н	4-BrC <sub>6</sub> H <sub>4</sub> NHCOO-
51	Н	2,4-(CH <sub>3</sub> O) <sub>2</sub> C <sub>6</sub> H <sub>3</sub> NHCOO-
52	Н	C <sub>6</sub> H <sub>11</sub> NHCOO-
53	Н	CH <sub>3</sub> CH <sub>2</sub> CH <sub>2</sub> CH <sub>2</sub> NHCOO-
54	Н	3,4-Cl <sub>2</sub> C <sub>6</sub> H <sub>3</sub> NHCOO-
55	Н	2-ClC <sub>6</sub> H₄NHCOO-
56	Н	CH <sub>3</sub> CH <sub>2</sub> NHCOO-



57	Н	2-NpNHCOO-
58	CH <sub>3</sub> O-	$3,5-C1_2-4-NH_2C_6H_2C(NH_2)=NO-$
59	CH <sub>3</sub> O-	2-CH <sub>3</sub> O-4-CH <sub>2</sub> =CHCH <sub>2</sub> C <sub>6</sub> H <sub>3</sub> O-
60	CH <sub>3</sub> O-	2,4-Cl <sub>2</sub> C <sub>6</sub> H <sub>4</sub> O-

TABLE 3

No.	X	Y		
61	CH <sub>3</sub> O-	2-C1C <sub>6</sub> H <sub>4</sub> O-		
62	CH <sub>3</sub> O-	2-BrC <sub>6</sub> H <sub>4</sub> O-		
63	CH <sub>3</sub> O-	2,4-Cl <sub>2</sub> C <sub>6</sub> H <sub>4</sub> O-		
64	CH <sub>3</sub> O-	2-NpO-*		
65	CH <sub>3</sub> O-	C <sub>6</sub> F <sub>5</sub> O-		
66	CH <sub>3</sub> O-	2-NO <sub>2</sub> -4-ClC <sub>6</sub> H <sub>3</sub> O-		
67	CH <sub>3</sub> O-	2-NO <sub>2</sub> C <sub>6</sub> H <sub>4</sub> O-		
68	CH <sub>3</sub> O-	2-(CH <sub>3</sub> ) <sub>2</sub> CH-5-CH <sub>3</sub> C <sub>6</sub> H <sub>3</sub> O-		
69	CH <sub>3</sub> O-	4-C1-C <sub>6</sub> H <sub>4</sub> O-		
70	CH <sub>3</sub> O-	3,4-(CH <sub>2</sub> ) <sub>3</sub> C <sub>6</sub> H <sub>3</sub> O-		
71	CH <sub>3</sub> O-	2-C1-4-BrC <sub>6</sub> H <sub>3</sub> O-		
72	CH <sub>3</sub> O-	2-C1-4-FC <sub>6</sub> H <sub>3</sub> O-		
73	CH <sub>3</sub> O-	3-CH <sub>3</sub> C <sub>6</sub> H <sub>4</sub> O-		
74	CH <sub>3</sub> O-	2-CH <sub>3</sub> -4-ClC <sub>6</sub> H <sub>3</sub> O-		
75	CH <sub>3</sub> O-	3-CH <sub>3</sub> -4-C1C <sub>6</sub> H <sub>3</sub> O-		
76	CH <sub>3</sub> O-	2,4-(CH <sub>3</sub> )C <sub>6</sub> H <sub>3</sub> O-		
77	CH <sub>3</sub> O-	3,5-(CH <sub>3</sub> ) <sub>2</sub> -4-ClC <sub>6</sub> H <sub>2</sub> O-		
78	CH <sub>3</sub> O-	4-(CH <sub>3</sub> ) <sub>2</sub> CHC <sub>6</sub> H <sub>4</sub> O-		
79	CH <sub>3</sub> O-	4-IC <sub>6</sub> H <sub>4</sub> O-		
80	CH <sub>3</sub> O-	4-C1C <sub>6</sub> H <sub>4</sub> O-		
81	CH <sub>3</sub> O-	3,4-(CH <sub>3</sub> ) <sub>2</sub> C <sub>6</sub> H <sub>3</sub> O-		
82	CH <sub>3</sub> O-	HN=C(NH <sub>2</sub> )S-		
83	CH <sub>3</sub> O-	2-NpO-*		
84	CH <sub>3</sub> O-	C <sub>6</sub> F <sub>5</sub> O-		
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85	CH <sub>3</sub> O-	$(CH_3)_2N-$	
86	CH <sub>3</sub> O-	HN=C (NH <sub>2</sub> ) S-	
87	CH <sub>3</sub> O−	(CH <sub>2</sub> ) <sub>5</sub> N-	
88	CH <sub>3</sub> O-	O (CH <sub>2</sub> CH <sub>2</sub> ) <sub>2</sub> N-	
89	CH <sub>3</sub> O-	C <sub>6</sub> H <sub>5</sub> NH-	
90	CH <sub>3</sub> O-	(CH <sub>2</sub> ) <sub>4</sub> N-	-
2-NpO- = 0-			

TABLE 4

No.	· X	Y
91	CH <sub>3</sub> O-	(CH <sub>3</sub> ) <sub>3</sub> CNH-
92	CF <sub>3</sub> CH <sub>2</sub> O-	2-NpO-*
93	(CH <sub>3</sub> ) <sub>2</sub> CHO-	4-(CH <sub>3</sub> ) <sub>2</sub> CHC <sub>6</sub> H <sub>4</sub> O-
94	(CH <sub>3</sub> ) <sub>2</sub> CHO-	2-CH <sub>3</sub> OC <sub>6</sub> H <sub>4</sub> O-
95	(CH <sub>3</sub> ) <sub>2</sub> CHO-	2,5-Cl <sub>2</sub> C <sub>6</sub> H <sub>3</sub> O-
96	2-C1C <sub>6</sub> H <sub>4</sub> O-	CH <sub>3</sub> CH <sub>2</sub> OC <sub>6</sub> H <sub>4</sub> O-
97	4-ClC <sub>6</sub> H <sub>4</sub> O-	2-CH <sub>3</sub> OC <sub>6</sub> H <sub>4</sub> O-
98	C <sub>6</sub> H <sub>5</sub> O-	2-C1C <sub>6</sub> H <sub>4</sub> O-
99	CH <sub>2</sub> =CHCH <sub>2</sub> O-	2,4-Cl <sub>2</sub> C <sub>6</sub> H <sub>3</sub> O-
100	HO-	4-CH <sub>3</sub> CH <sub>2</sub> CH <sub>2</sub> C <sub>6</sub> H <sub>4</sub> O-
101	НО-	CHF <sub>2</sub> CF <sub>2</sub> CH <sub>2</sub> O-
102	HO-	4-FC <sub>6</sub> H <sub>4</sub> O-
103	НО-	4-BrC <sub>6</sub> H <sub>4</sub> O-
104	НО-	2-Np0-*
105	HO-	$3-CF_3C_6H_4C(CH_3)=NO-$
106	НО-	2,4-Cl <sub>2</sub> C <sub>6</sub> H <sub>3</sub> O-
107	НО-	2-C1C <sub>6</sub> H <sub>4</sub> O-
108	НО-	2-BrC <sub>6</sub> H <sub>4</sub> O-
109	HO-	2,5-Cl <sub>2</sub> C <sub>6</sub> H <sub>3</sub> O-
110	НО-	4-FC <sub>6</sub> H <sub>4</sub> O-



111	НО-	4-C1-3-CH <sub>3</sub> C <sub>6</sub> H <sub>4</sub> O-
112	НО-	3-C1C <sub>6</sub> H <sub>4</sub> O-
113	НО-	2-NO <sub>2</sub> C <sub>6</sub> H <sub>4</sub> O-
114	НО-	4-(CH <sub>3</sub> ) <sub>2</sub> CHC <sub>6</sub> H <sub>4</sub> O-
115	но-	4-C1-2-NO <sub>2</sub> C <sub>6</sub> H <sub>3</sub> O-
116	но-	3-CH <sub>3</sub> OC <sub>6</sub> H <sub>4</sub> O-
117	НО-	1-NpO-
118	НО-	$4-CH_3CH_2CH (CH_3) C_6H_4O-$
119	но-	4-C1-3-CH <sub>3</sub> C <sub>6</sub> H <sub>3</sub> O-
120	но-	C <sub>6</sub> H <sub>5</sub> CH <sub>2</sub> S-
2-NpO- = O		

TABLE 5

No.	X	Y
121	CH <sub>3</sub> CH <sub>2</sub> CH (CH <sub>3</sub> ) NH-	4-IC <sub>6</sub> H <sub>4</sub> O-
122	3-CH <sub>3</sub> C <sub>6</sub> H <sub>4</sub> NH-	4-IC <sub>6</sub> H <sub>4</sub> O-
123	(CH <sub>3</sub> CH <sub>2</sub> ) <sub>2</sub> N-	4-C1-3-CH <sub>3</sub> C <sub>6</sub> H <sub>3</sub> O-
124	CH <sub>3</sub> CH (CH <sub>2</sub> CH <sub>2</sub> ) <sub>2</sub> N-	2,5-Cl <sub>2</sub> C <sub>6</sub> H <sub>4</sub> O-
125	(CH <sub>2</sub> ) <sub>4</sub> CHNH-	CF <sub>3</sub> CH <sub>2</sub> O-
126	(CH <sub>2</sub> ) <sub>6</sub> CHNH-	2-CH <sub>3</sub> OC <sub>6</sub> H <sub>4</sub> O-
127	(CH <sub>3</sub> ) <sub>3</sub> CNH-	CF <sub>3</sub> CH <sub>2</sub> O-
128	(CH <sub>2</sub> ) <sub>6</sub> N-	2-BrC <sub>6</sub> H <sub>4</sub> O-
129	(CH <sub>3</sub> ) <sub>3</sub> CNH-	2-BrC <sub>6</sub> H <sub>4</sub> O-
130	(CH <sub>3</sub> ) <sub>2</sub> CHNH-	2,5-Cl <sub>2</sub> C <sub>6</sub> H <sub>3</sub> NH-
131	CH <sub>3</sub> N (CH <sub>2</sub> CH <sub>2</sub> ) <sub>2</sub> N-	2,5-Cl <sub>2</sub> C <sub>6</sub> H <sub>3</sub> O-
132	O( $CH_2CH_2$ ) <sub>2</sub> N-	3-CH <sub>3</sub> -4-C1C <sub>6</sub> H <sub>3</sub> O-
133	(CH <sub>2</sub> ) <sub>6</sub> N-	2,5-Cl <sub>2</sub> C <sub>6</sub> H <sub>3</sub> O-
134	(CH <sub>2</sub> ) <sub>5</sub> CHNH-	4-(CH <sub>3</sub> ) <sub>3</sub> CC <sub>6</sub> H <sub>4</sub> O-
135	(CH <sub>2</sub> ) <sub>4</sub> NH-	4-IC <sub>6</sub> H <sub>4</sub> O-
136	C <sub>6</sub> H <sub>5</sub> NH-	4-(CH <sub>3</sub> ) <sub>3</sub> CC <sub>6</sub> H <sub>4</sub> O-





137	C <sub>6</sub> H <sub>5</sub> NH−	2-NpO-*	
138	4-C1C <sub>6</sub> H <sub>4</sub> NH-	4-IC <sub>6</sub> H <sub>4</sub> O-	
139	3-F-4-CH <sub>3</sub> C <sub>6</sub> H <sub>3</sub> NH-	4-IC <sub>6</sub> H <sub>4</sub> O-	
140	3-BrC <sub>6</sub> H <sub>4</sub> NH-	4-FC <sub>6</sub> H <sub>4</sub> O-	
141	4-FC <sub>6</sub> H <sub>4</sub> NH-	3-C1C <sub>6</sub> H <sub>4</sub> O-	
142	3-C1-4-CH <sub>3</sub> OC <sub>6</sub> H <sub>3</sub> NH-	2-C1C <sub>6</sub> H <sub>4</sub> O-	
143	3,4-F <sub>2</sub> C <sub>6</sub> H <sub>3</sub> NH-	4-IC <sub>6</sub> H <sub>4</sub> O-	
144	2-CH <sub>3</sub> CH <sub>2</sub> OC <sub>6</sub> H <sub>4</sub> NH-	2-NO <sub>2</sub> -4-C1C <sub>6</sub> H <sub>3</sub> O-	
145	2,4-(CH <sub>3</sub> O) <sub>2</sub> C <sub>6</sub> H <sub>3</sub> NH-	2,5-Cl <sub>2</sub> C <sub>6</sub> H <sub>3</sub> O-	
146	4-BrC <sub>6</sub> H <sub>4</sub> NH-	4-IC <sub>6</sub> H <sub>4</sub> O-	
147	4-FC <sub>6</sub> H <sub>4</sub> NH-	2-NO <sub>2</sub> -4-CH <sub>3</sub> C <sub>6</sub> H <sub>3</sub> O-	
148	4-NH <sub>2</sub> COC <sub>6</sub> H <sub>4</sub> NH-	2,5-Cl <sub>2</sub> C <sub>6</sub> H <sub>3</sub> O-	
149	2-NO <sub>2</sub> -4-CH <sub>3</sub> OC <sub>6</sub> H <sub>3</sub> NH-	4-F-C <sub>6</sub> H <sub>4</sub> O-	
150	4-CH <sub>3</sub> OC <sub>6</sub> H <sub>4</sub> NH-	3-CH <sub>3</sub> -4-C1C <sub>6</sub> H <sub>3</sub> O-	
2	2-NpO- = 0-		

TABLE 6

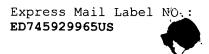
No.	X	Y
151	2,5-F <sub>2</sub> C <sub>6</sub> H <sub>3</sub> NH-	3-C1C <sub>6</sub> H <sub>4</sub> O-
152	2-CH <sub>3</sub> -5-CH <sub>3</sub> O <sub>2</sub> CC <sub>6</sub> H <sub>3</sub> NH-	4-IC <sub>6</sub> H <sub>4</sub> O-
153	2-CH <sub>3</sub> O <sub>2</sub> CC <sub>6</sub> H <sub>4</sub> NH-	2,5-(CH <sub>3</sub> ) <sub>2</sub> C <sub>6</sub> H <sub>3</sub> O-
154	$3, 5-(CH_3)_2C_6H_3NH-$	4-F-C <sub>6</sub> H <sub>4</sub> O-
155	2-F-5-CH <sub>3</sub> C <sub>6</sub> H <sub>3</sub> NH-	2-NO <sub>2</sub> -4-CH <sub>3</sub> C <sub>6</sub> H <sub>3</sub> O-
156	2,3-Cl <sub>2</sub> C <sub>6</sub> H <sub>3</sub> NH-	2-NO <sub>2</sub> C <sub>6</sub> H <sub>4</sub> O-
157	2-CH <sub>3</sub> OC <sub>6</sub> H <sub>4</sub> NH-	2,5-(CH <sub>3</sub> ) <sub>2</sub> C <sub>6</sub> H <sub>3</sub> O-
158	2-F-5-CH3C6H3NH-	2-NO <sub>2</sub> C <sub>6</sub> H <sub>4</sub> O-
159	2-CH <sub>3</sub> O <sub>2</sub> CC <sub>6</sub> H <sub>4</sub> NH-	4-I-C <sub>6</sub> H <sub>4</sub> O-
160	4-CH <sub>3</sub> COC <sub>6</sub> H <sub>4</sub> NH-	1-NpO-
161	$2,5-F_2C_6H_3NH-$	2-C1C <sub>6</sub> H <sub>4</sub> O-
162	2-F-4-BrC <sub>6</sub> H <sub>3</sub> NH-	4-IC <sub>6</sub> H <sub>4</sub> O-



163	3-CH <sub>3</sub> CH <sub>2</sub> C <sub>6</sub> H <sub>4</sub> NH-	4-F-C <sub>6</sub> H <sub>4</sub> O-
164	3,4-(CH <sub>3</sub> O) <sub>2</sub> C <sub>6</sub> H <sub>3</sub> NH-	4-CH <sub>3</sub> CH <sub>2</sub> CH <sub>2</sub> C <sub>6</sub> H <sub>4</sub> O-
165	(CH <sub>3</sub> ) <sub>3</sub> CNH-	4-CH <sub>3</sub> CH <sub>2</sub> OC <sub>6</sub> H <sub>4</sub> O-
166	2-CH <sub>3</sub> OC <sub>6</sub> H <sub>4</sub> NH-	2-CH <sub>3</sub> OC <sub>6</sub> H <sub>4</sub> O-
167	2-CH <sub>3</sub> O <sub>2</sub> CC <sub>6</sub> H <sub>4</sub> NH-	2,4-Cl <sub>2</sub> C <sub>6</sub> H <sub>3</sub> O-
168	2-CH <sub>3</sub> O <sub>2</sub> CC <sub>6</sub> H <sub>4</sub> NH-	4-C1C <sub>6</sub> H <sub>4</sub> O-
169	3,5-(CH <sub>3</sub> ) <sub>2</sub> C <sub>6</sub> H <sub>3</sub> NH-	4-CH <sub>3</sub> CH <sub>2</sub> -C <sub>6</sub> H <sub>4</sub> O-
170	2,5-Cl <sub>2</sub> C <sub>6</sub> H <sub>3</sub> NH-	4-CH <sub>3</sub> CH <sub>2</sub> CH <sub>2</sub> C <sub>6</sub> H <sub>4</sub> O-
171	2-CH <sub>3</sub> O-5-CH <sub>3</sub> C <sub>6</sub> H <sub>3</sub> NH-	3-C1C <sub>6</sub> H <sub>4</sub> O-
172	2,3-(CH <sub>3</sub> ) <sub>2</sub> C <sub>6</sub> H <sub>3</sub> NH-	3-CH <sub>3</sub> -4-C1C <sub>6</sub> H <sub>3</sub> O-
173	4-ClC <sub>6</sub> H <sub>4</sub> NH-	3-CH <sub>3</sub> -4-ClC <sub>6</sub> H <sub>4</sub> O-
174	2-C1C <sub>6</sub> H <sub>4</sub> NH-	2-CH <sub>3</sub> OC <sub>6</sub> H <sub>4</sub> O-
175	3,4-(CH <sub>3</sub> ) <sub>2</sub> C <sub>6</sub> H <sub>4</sub> NH-	2-CH <sub>3</sub> OC <sub>6</sub> H <sub>4</sub> O-
176	2,4-F <sub>2</sub> C <sub>6</sub> H <sub>3</sub> NH-	2-CH <sub>3</sub> O-4-CH <sub>3</sub> CH <sub>2</sub> CH <sub>2</sub> C <sub>6</sub> H <sub>3</sub> O-
177	2-FC <sub>6</sub> H <sub>4</sub> NH-	3,5-(CH <sub>3</sub> ) <sub>2</sub> C <sub>6</sub> H <sub>3</sub> O-
178	2-FC <sub>6</sub> H <sub>4</sub> NH-	4-C1C <sub>6</sub> H <sub>4</sub> O-
179	2,6-(CH <sub>3</sub> ) <sub>2</sub> C <sub>6</sub> H <sub>3</sub> NH-	4-C1C <sub>6</sub> H <sub>4</sub> O-

## TABLE 7

No.	X	Y
180	2-CH <sub>3</sub> O <sub>2</sub> CC <sub>6</sub> H <sub>4</sub> NH-	3,4-(CH <sub>3</sub> ) <sub>2</sub> C <sub>6</sub> H <sub>3</sub> O-
181	2-C1-5-CF <sub>3</sub> C <sub>6</sub> H <sub>3</sub> NH-	4-C1C <sub>6</sub> H <sub>4</sub> O-
182	2-CH <sub>3</sub> O-4-NO <sub>2</sub> C <sub>6</sub> H <sub>3</sub> NH-	4-ClC <sub>6</sub> H <sub>4</sub> O-
183	2-NO <sub>2</sub> C <sub>6</sub> H <sub>4</sub> NH-	2-C1C <sub>6</sub> H <sub>4</sub> O-
184	4-CH <sub>3</sub> OC <sub>6</sub> H <sub>4</sub> NH-	CHF <sub>2</sub> CF <sub>2</sub> CH <sub>2</sub> O-
185	2,4-F <sub>2</sub> C <sub>6</sub> H <sub>3</sub> NH-	2,3,5,6-F <sub>4</sub> C <sub>6</sub> HO-
186	$3, 4-F_2C_6H_3NH-$	3,4-(CH <sub>3</sub> ) <sub>2</sub> C <sub>6</sub> H <sub>3</sub> O-
187	3-CH <sub>3</sub> CONHC <sub>6</sub> H <sub>4</sub> NH-	C <sub>6</sub> F <sub>5</sub> O-
188	$2, 4-(CH_3O)_2C_6H_4NH-$	2-BrC <sub>6</sub> H <sub>4</sub> O-
189	2-CH <sub>3</sub> OC <sub>6</sub> H <sub>4</sub> NH-	4-(CH <sub>3</sub> ) <sub>3</sub> CC <sub>6</sub> H <sub>4</sub> O-
190	4-IC <sub>6</sub> H <sub>4</sub> NH-	2-BrC <sub>6</sub> H <sub>4</sub> O-





191	3-NO <sub>2</sub> C <sub>6</sub> H <sub>4</sub> NH-	4-IC <sub>6</sub> H <sub>4</sub> O-

- 3. A pharmaceutical composition for preventing or treating bone diseases, comprising the furan derivative or its salt of claim 1 as an effective ingredient.
- 4. The pharmaceutical composition according to claim 3, wherein the bone diseases are osteoporosis, degenerative bone diseases and rheumatoid arthritis.
- 5. Functional foods, health-supporting food or special nutritional food comprising the furan derivative or its salt of claim 1 as an effective ingredient.